



6715/62963

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Masato TANAKA, et al.**

Serial No.: **09/649,539**

Filed: **August 28, 2000**

For: **POSITION DETECTION APPARATUS AND ARITHMETIC PROCESSING UNIT**

Group A.U.: **2857**

Date: **October 22, 2001**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is a Preliminary Amendment in the above-identified application.

X No Additional fee is required.

 The fee has been calculated as shown below.

 Total Claims in excess of previously paid for, at \$18 (\$9)

 Ind. Claims in excess of previously paid for, at \$78 (\$39)

 Additional Fee for this Amendment

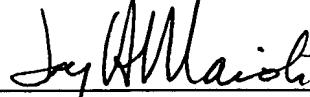
 This Response is being filed within the first month, second month,
 third month, fourth month following the expiration of the term
originally set therefor, and applicants Petition for an extension and the fee of
 \$110 (\$55), \$380 (\$190), \$870 (\$435), \$1,360 (\$680) is due and
paid herewith.

 A check in the amount of is attached.

 Charge \$ to Deposit Account No. 03-3125.

X Please charge any additional fees incurred by reason of this Response or credit
any overpayment to Deposit Account No. 03-3125.

COOPER & DUNHAM LLP



JAY H. MAIOLI
Reg. No. 27,213
Tel: (212) 278-0400



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Masato TANAKA, et al.

Serial No.: 09/649,539

Filed: August 28, 2000

For: POSITION DETECTION APPARATUS AND ARITHMETIC
PROCESSING UNIT

Group A.U.: 2857

I hereby certify that this paper is being deposited
this date with the U.S. Postal Service in first
class mail addressed to: Assistant Commissioner for
Patents, Washington, D.C. 20231.

Jay H. Maioli
Reg. No. 27,213

Date 10.22.01

October 22, 2001
1185 Avenue of the Americas
New York, NY 10036
(212) 278-0400

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to the initial examination of the above-
identified application, Applicants respectfully request that the
above-identified application be amended as follows.

IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract of the Disclosure by rewriting
same to read as follows:

~~A noise component is removed from an angle signal
obtained by performing polar conversion with respect to a~~

SAB
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